EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|---------------------|---------|---------------------|
| L1 | 4049 | (fatty with (dimer dimeric dimeriz \$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; US-PGPUB; US-PGT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L2 | 28732 | amidoamine polyamidoamine amidopolyamine polyamidopolyamie aminoamide polyaminoamide aminopolyamide polyaminopolyamine ((amino polyamido) near3 (amido polyamido)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L3 | 109561 | oleate ((ester polyester) near5 (oleic oleate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L4 | 501989 | ((weighting weight) near3 (agent component)) galena hematite magnetite ((iron ferric ferrous) adj2 (oxide dioxide trioxide)) illmenite barite siderite celestite dolomite calcte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L5 | 8669 | (((fatty acid) with (dimer dimeric dimeriz\$)) same ((fatty acid) with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L6 | 14652 | ("w/o" invert\$3 invers\$4 (water adj2 in adj2 oil)) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L7 | 1748 | emulsion with ((water aqueous) near3 discontinuous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L8 | 15964 | L6 L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L9 | 16691 | (((organophillic organophillic oleophillic oleophillic ((organo oleo) adj2 (phillic phillic))) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |

| L10 | 622 | L8 and L9 and L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
|-----|--------|---|--|----|----|---------------------|
| L11 | 12 | L10 and (L1 L5) and (L2 L3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 13:33 |
| L12 | 1 | us-20040110642-\$.did. and 111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:05 |
| L13 | 261 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L14 | 18 | friedheim-jim.in. friedheim-jim-\$. in. friedheim-james.in. friedheim- james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L15 | 1010 | lee-john.in. lee-john-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L16 | 1 | hoxha-burnham.in. hoxha-burnham- \$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L17 | 103691 | lee-j\$.in. lee-j\$-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L18 | 14 | hoxha-b\$.in. hoxha-b-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L19 | 14 | hoxha-b\$.in. hoxha-b\$-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L20 | 5856 | ("m i" "m.i." "m. i.").as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |

| L21 | 109731 | L13 L14 L15 L16 L17 L18 L19 L20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
|-----|---------|--|--|----|----|---------------------|
| L22 | 11188 | "507"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L23 | 2 | l111 and l21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| L24 | 9 | 111 and 122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/08 14:13 |
| S3 | 580142 | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 10:59 |
| S4 | 473386 | silicone polysiloxane polyorganosiloxane polydiorganosiloxane organopolysiloxane organosiloxane diorganopolysiloxane siloxane organosilicone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:23 |
| S5 | 304815 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:25 |
| S6 | 1175739 | amine amino diamine diamino triamine triamino polyamine polyamino | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:25 |
| S7 | 482919 | silicone polysiloxane polyorganosiloxane polydiorganosiloxane organopolysiloxane organosiloxane diorganopolysiloxane siloxane organosilicone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/28 16:05 |
| S8 | 9628 | "507"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:15 |

| S9 | 380 | invert with emulsion with continuous | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:17 |
|-----|--------|---|--|----|----|---------------------|
| S10 | 11045 | ("w/o" invert\$ invers\$) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:44 |
| S11 | 114 | (organophillic (organo adj phillic)) near4 clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S12 | 38 | S10 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:19 |
| S13 | 249972 | (weighting weight) near3 (agent component) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:20 |
| S14 | 36 | S12 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:20 |
| S15 | 30 | S14 and fatty | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:29 |
| S16 | 222 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:30 |
| S17 | 15 | friedheim-jim.in. friedheim-jim-\$. in. friedheim-james.in. friedheim- james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:30 |
| S18 | 848 | lee-john.in. lee-john-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:31 |
| S19 | 1 | hoxha-burnham.in. hoxha-burnham- \$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:31 |

| S20 | 1071 | S16 S17 S18 S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
|-----|------|--|--|----|----|---------------------|
| S21 | 30 | S20 and S10 and fatty | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:32 |
| S22 | 27 | S20 and S10 and fatty and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:32 |
| S23 | 11 | \$20 and \$10 and fatty and \$13 and \$11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:39 |
| S24 | 1965 | (fatty with dimer) and (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S25 | 1 | S23 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S26 | 86 | S10 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S27 | 1 | S20 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:41 |
| S28 | 1912 | (fatty with dimer) same (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:22 |
| S29 | 81 | S10 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:42 |
| S30 | 43 | S10 and S28 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:43 |

| S31 | 1 | S10 and S28 and S13 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:42 |
|-----|--------|--|--|----|----|---------------------|
| S32 | 31665 | "water in oil" "water-in-oil" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:44 |
| S33 | 32209 | ("w/o" invert\$ invers\$ S32) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:45 |
| S34 | 285992 | drilling wellbore subterranean | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:45 |
| S35 | 2383 | S33 and (S34 S8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 16:46 |
| S36 | 30 | S35 and S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:06 |
| S37 | 1841 | (fatty with dimer) with (fatty with trimer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:04 |
| S38 | 1912 | S37 S28 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:04 |
| S39 | 1 | S38 and S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:05 |
| S40 | 47800 | rheolog\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:05 |
| S41 | 10 | S38 same S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:10 |

| S42 | 6 | S41 and S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:40 |
|-----|--------|---|--|----|----|---------------------|
| S43 | 4 | S41 not S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:11 |
| S44 | 1 | ("rm-63" "rm 63") with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:59 |
| S45 | 116 | rm\$1 adj "63" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:52 |
| S46 | 1 | S45 with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:54 |
| S47 | 440200 | baroid (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:54 |
| S48 | 23 | baroid\$1 with (rheolog\$ fatty) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 17:55 |
| S49 | 116 | ("rm-63" "rm 63") S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:00 |
| S50 | 8 | ("5237080" "5254531" "5441927" "6289989").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:06 |
| S51 | 3 | wo-9526386-\$.did. wo-96223342-\$. did. wo-2002053675-\$.did. wo- 2002053676-\$.did. ca-2088697-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:07 |
| S52 | 3 | wo-9526386-\$.did. wo-96223342-\$. did. wo-02053675-\$.did. wo- 02053676-\$.did. ca-2088697-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:07 |

| S53 | 3 | wo-9526386-\$.did. wo-96223342-\$. did. wo-20020053675-\$.did. wo- 20020053676-\$.did. ca-2088697-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:08 |
|-----|-------|---|--|----|----|---------------------|
| S54 | 5 | wo-9526386-\$.did. wo-96223342-\$. did. wo-200253675-\$.did. wo-200253676-\$.did. ca-2088697-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:10 |
| S55 | 13 | S50 S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:08 |
| S56 | 1 | wo-9622342-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S57 | 14 | S55 S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S58 | 1 | S57 and (S49 S37 S28) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/18 18:11 |
| S59 | 31 | "5635457" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 10:59 |
| S60 | 2970 | (fatty with (dimer dimeric)) same (fatty with (trimer trimeric)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:23 |
| S61 | 11806 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S62 | 126 | (organophillic (organo adj phillic)) near4 clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:24 |
| S63 | 1 | S60 and S61 and S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:26 |

| S64 | 100 | S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:26 |
|-----|------|--|--|----|----|---------------------|
| S65 | 13 | S60 and S61 and weighting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:29 |
| S66 | 16 | S60 and S61 and (weighting barite) and (emulsifier emulsifying) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 11:30 |
| S67 | 9 | S60 and S61 and (weighting barite) and (emulsifier emulsifying) and (S62 viscosif\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 13:29 |
| S68 | 7 | S66 not S67 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 14:48 |
| S69 | 2 | wo-8911516-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 14:56 |
| S70 | 232 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S71 | 16 | friedheim-jim.in. friedheim-jim-\$. in. friedheim-james.in. friedheim- james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S72 | 908 | lee-john.in. lee-john-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S73 | 1 | hoxha-burnham.in. hoxha-burnham- \$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |
| S74 | 1141 | S70 S71 S72 S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:12 |

| \$75 | 1 | S74 and S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:13 |
|------|------|-------------------------------------|--|----|----|---------------------|
| S76 | 4963 | ("m i" "m.i." "m. i.").as. | US-PGPUB; US-PGPUB; US-PAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:13 |
| S77 | 58 | S76 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:14 |
| S78 | 2 | S76 and S60 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:40 |
| S79 | 0 | ("df" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S80 | 0 | ("df" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S81 | 0 | ("df 1" near base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:41 |
| S82 | 4 | ("df 1" near5 base) and halliburton | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:42 |
| S83 | 19 | ("df 1" near5 base) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/29 15:42 |
| S84 | 103 | ("rm-63" "rm 63") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
| S85 | 0 | "rmrt""rmtm" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |

| S86 | 0 | "rm.rtm.""rm.tm." | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
|------|---------|---|--|----|----|---------------------|
| S87 | 1336081 | "rtm" "tm" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:27 |
| S88 | 267 | "rm" adj2 S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:28 |
| \$89 | 369 | "rm" adj4 S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:29 |
| \$90 | 4 | (S84 S89) same (trimer trimeriz\$) same (dimer dimeriz\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:29 |
| S91 | 9 | (S84 S89) and ((trimer trimeriz\$) same (dimer dimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:31 |
| S92 | 2 | wo-9322342-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:45 |
| \$93 | 1 | wo-9622342-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 13:45 |
| \$94 | 3115 | (fatty with (dimer dimeric)) same (fatty with (trimer trimeric)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S95 | 12684 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| \$96 | 242 | patel-arvind.in. patel-arvind-d.in. patel-arvind-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |

| S97 | 18 | friedheim-jim.in. friedheim-jim-\$. in. friedheim-james.in. friedheim- james-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
|-------|-------|---|--|----|----|---------------------|
| S98 | 932 | lee-john.in. lee-john-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| \$99 | 1 | hoxha-burnham.in. hoxha-burnham- \$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S100 | 1175 | S96 S97 S98 S99 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| \$101 | 1 | S100 and S94 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:26 |
| S102 | 1690 | patel-a\$.in. patel-a\$-d.in. patel-a\$-\$. in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S103 | 27 | friedheim-j\$.in. friedheim-j\$-\$.in. friedheim-j\$-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S104 | 81076 | lee-j\$.in. lee-j\$-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:27 |
| S105 | 14 | hoxha-b\$.in. hoxha-b-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
| S106 | 14 | hoxha-b\$.in. hoxha-b\$-\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
| S107 | 5242 | ("m i" "m.i." "m. i.").as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |

| S108 | 86493 | S96 S97 S98 S99 S104 S105 S106 S107 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:28 |
|------|--------|--|--|----|----|---------------------|
| S109 | 3716 | (fatty with (dimer dimeric dimeriz \$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S110 | 2 | S108 and S109 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S111 | 118 | S109 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/05 14:29 |
| S112 | 13762 | ("w/o" invert\$3 invers\$4) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S113 | 3909 | (fatty with (dimer dimeric dimeriz \$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S114 | 144 | S113 and S112 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 09:57 |
| S115 | 26755 | amidoamine polyamidoamine amidopolyamine polyamidopolyamie aminoamide polyaminoamide aminopolyamide polyaminopolyamine ((amino polyamido) near3 (amido polyamido)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:00 |
| S116 | 102595 | oleate ((ester polyester) near5 (oleic oleate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:00 |
| S117 | 89 | S114 and S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:01 |

| S118 | 19 | S114 and S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:01 |
|------|--------|--|--|----|----|---------------------|
| S119 | 4 | ("7345010").pn. us-20040102332-\$. did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:14 |
| S120 | 2771 | ((organophillic (organo adj phillic)) near4 clay) organoclay (organo adj2 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:16 |
| S121 | 235 | S112 and S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:16 |
| S122 | 22 | S121 and S113 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:17 |
| S123 | 8 | S122 and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:17 |
| S124 | 475788 | ((weighting weight) near3 (agent component)) galena hematite magnetite ((iron ferric ferrous) adj2 (oxide dioxide trioxide)) illmenite barite siderite celestite dolomite calcte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:19 |
| S125 | 8 | S123 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:19 |
| S126 | 3 | "emi-756" "emi 756" "emi756" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |
| S127 | 8 | S122 and (S115 S116 S126) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |
| S128 | 8 | S122 and (S115 S116 S126) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:38 |

| S129 | 1 | S122 and (S115 S116 S126) and S124 and S126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:39 |
|------|--------|--|--|----|----|---------------------|
| S130 | 3 | "emi-756" "emi 756" "emi756" and ((equivalent equiv) with acid with (amine amino polyamine polyamino)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:41 |
| S131 | 1 | ("emi-756" "emi 756") and ((equivalent equiv) with acid with (amine amino polyamine polyamino)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:41 |
| S132 | 303633 | ((organophillic (organo adj phillic)) near4 clay) organoclay (organo adj2 clay) clay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:43 |
| S133 | 3635 | S112 and S132 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:43 |
| S134 | 256753 | (fatty acid) with (react reaction reacted reacting condensat\$5 polycondensat\$5) with (amine amino diamine diamino polyamine polyamino) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:45 |
| S135 | 793 | S133 and (S134 S113 S115) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:46 |
| S136 | 505 | S133 and (S134 S113 S115) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:47 |
| S137 | 14526 | ((organophillic (organo adj phillic)) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:48 |
| S138 | 336 | S112 and S137 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:49 |
| S139 | 114 | S138 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:49 |

| S140 | 10 | S138 and S113 and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:50 |
|------|-------|--|--|----|----|---------------------|
| S141 | 8304 | (((fatty acid) with (dimer dimeric dimeriz\$)) same ((fatty acid) with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:51 |
| S142 | 10 | S138 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:52 |
| S143 | 13864 | ("w/o" invert\$3 invers\$4 (water adj2 in adj2 oil)) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:53 |
| S144 | 1670 | emulsion with ((water aqueous) near3 discontinuous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S145 | 15121 | S143 S144 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S146 | 382 | S145 and S137 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:54 |
| S147 | 10 | S146 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S148 | 115 | S146 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S149 | 1800 | S145 and (S137 clay) and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:55 |
| S150 | 37 | S149 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:56 |

| S151 | 440 | S149 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 10:56 |
|------|--------|--|---|----|----|---------------------|
| S152 | 15790 | ((organophillic organophilic oleophilic oleophillic ((organo oleo) adj2 (phillic phillic))) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:05 |
| S153 | 572 | S145 and S152 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:05 |
| S154 | 11 | S153 and (S113 S141) and (S115 S116) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:06 |
| S155 | 142 | S153 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/21 11:06 |
| S156 | 3910 | (fatty with (dimer dimeric dimeriz \$)) same (fatty with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S157 | 26782 | amidoamine polyamidoamine amidopolyamine polyamidopolyamie aminoamide polyaminoamide aminopolyamide polyaminopolyamine ((amino polyamido) near3 (amido polyamido)) | US-PGPUB; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S158 | 102710 | oleate ((ester polyester) near5 (oleic oleate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S159 | 476078 | ((weighting weight) near3 (agent component)) galena hematite magnetite ((iron ferric ferrous) adj2 (oxide dioxide trioxide)) illmenite barite siderite celestite dolomite calcte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S160 | 8310 | ((fatty acid) with (dimer dimeric dimeriz\$)) same ((fatty acid) with (trimer trimeric trimeriz\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |

| S161 | 13880 | ("w/o" invert\$3 invers\$4 (water adj2 in adj2 oil)) near3 emulsion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
|------|--------|---|--|----|----|---------------------|
| S162 | 1672 | emulsion with ((water aqueous) near3 discontinuous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S163 | 15139 | \$161 \$162 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S164 | 15802 | ((organophillic organophilic oleophillic oleophillic ((organo oleo) adj2 (phillic phillic))) near4 clay) organoclay ((organo organic) near5 clay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S165 | 573 | S163 and S164 and S159 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S166 | 11 | \$165 and (\$156 \$160) and (\$157 \$158) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S167 | 256902 | (fatty acid) with (react reaction reacted reacting condensat\$5 polycondensat\$5) with (amine amino diamine diamino polyamine polyamino) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S168 | 143 | \$165 and \$167 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:45 |
| S169 | 41 | S165 and S167 and (diethylenetriamine (diethylene adj2 triamine) triethylenetetramine (triethylene adj2 tetramine) triethylenetetraamine (triethylene adj2 tetraamine) pentaethylenetetramine (pentaethylene adj2 tetramine) pentaethylenetetraamine (pentaethylene adj2 tetraamine)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:52 |
| S170 | 15 | S165 and S167 and (S164 with (weight "wt" "wt%" percent percentage concentration)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:53 |

| S171 | 6 | S169 and S170 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 09:53 |
|------|----|--|--|----|----|---------------------|
| S172 | 61 | ("2873253" "2994660" "20010009890" "20030114316" "20040102332" "2994660" "3127343" "3654177" "3728277" "4010111" "4941983" "5027901" "5237080" "5254531" "5441927" "5869433" "5960878" "5883054" "6017854" "6289989" "6339048" "6861393" "6159906" "7278485" "7345010").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:06 |
| S173 | 17 | S165 and S167 and (diethylenetriamine (diethylene adj2 triamine) triethylenetetramine (triethylene adj2 tetramine) triethylenetetraamine (triethylene adj2 tetraamine) pentaethylenetetramine (pentaethylene adj2 tetramine) pentaethylenetetraamine (pentaethylene adj2 tetramine) pentaethylene adj2 tetraamine) and (primary near3 (emulsifi\$6 emulsify\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:27 |
| S174 | 6 | "4663076".pn. "4941983".pn. us- 20040102332-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:33 |
| S175 | 7 | us-20050113263-\$.did. us- 20040040708-\$.did. "3399727".pn. "4690219.pn" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:43 |
| S176 | 9 | us-20050113263-\$.did. us- 20040040708-\$.did. "3399727".pn. "4690219".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 10:44 |
| S177 | 4 | ep-49484-\$.did. "4501672".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 15:25 |
| S178 | 4 | S177 and humic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 15:26 |

| S179 | 1 | S177 and (humic with (react\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 16:03 |
|------|-----|--|--|----|----|---------------------|
| S180 | 1 | S177 and ((humic lignit\$4) with (react\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 16:03 |
| S181 | 202 | (fluid adj loss) near3 emulsif\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 16:44 |
| S182 | 79 | ((fluid adj loss) near3 emulsif\$) and (lignit\$4 lignin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/07/07 16:48 |

 $7/8/10\ 2:14:28\ PM \\ C:\Documents\ and\ Settings\ My\ Documents\ EAST\ Workspaces\ 10647737.wsp$